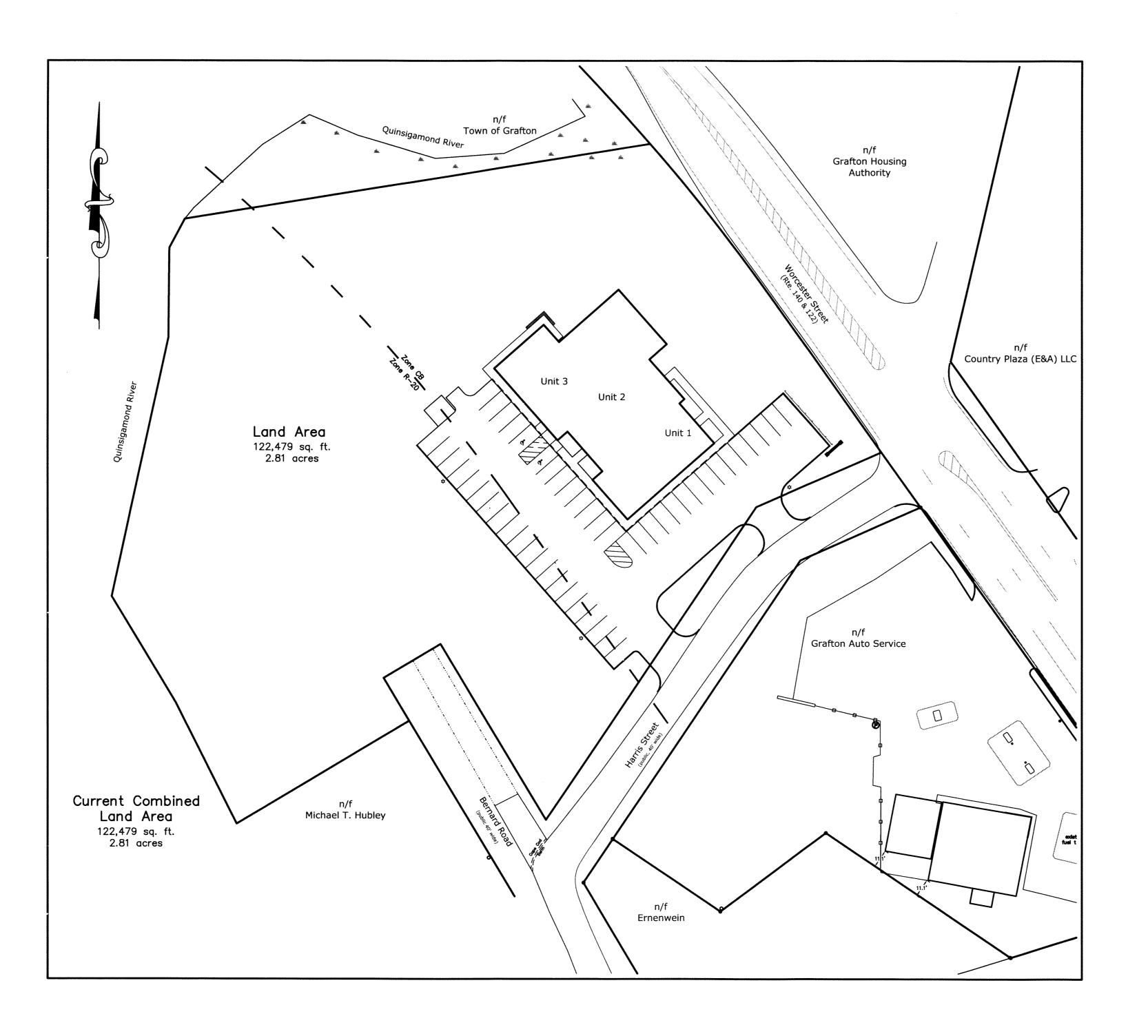
Site Development Plan

Theroux Dental Complex



DRAINAGE DETAIL PLAN

UTILITIES DETAIL PLAN

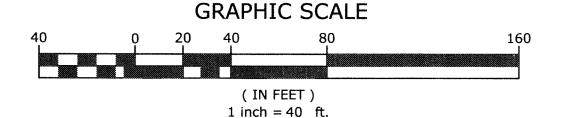
Locus Legal References

ASSESSORS: map 46 parcels 15 and 19 deed book 14991 page 389 deed book 5751 page 139 plan book 41 plan 14

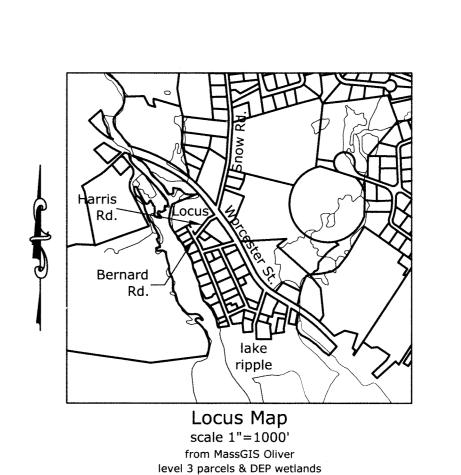
Zoning Summary

	Community Business CB	Medium Density Residential R-20	103 Worcester S
	Required	Required	proposed
Frontage:	140 ft	125 ft	310.10 ft
Area:	40,000 ft ²	20,000 ft ²	122,479 ft ²
Front Yard:	40 ft	30 ft	45.8 ft
Side Yard:	15 ft	15 ft	97.7 ft
Rear Yard:	15 ft	15 ft	97.7 ft
Bldg. coverage:	30%	30%	7.2%

Note: This site is located within the Water Supply Protection Overlay District



Located on Worcester St., Harris St., & Bernard Rd. Grafton, MA



Site Development Plan **Theroux Dental Complex**

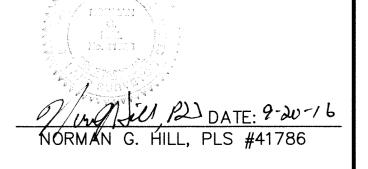
located at

103 Worcester Street 2 Bernard Road **Grafton, MA**

> **Prepared For Marc Theroux** 2 Stonegate Circle Grafton, MA

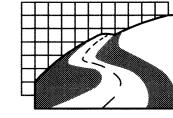
Owned By the Bulger Family Trust P O Box 176 Grafton, MA 01519-0176

January 26, 2016





Final Revision Date: Sept. 20, 2016				
REVISIONS				
No.	Date	Design	Checked	
1	2/2/16	BDH	NGH	
2	2/29/16	BDH	NGH	
3	3/11/16	BDH	NGH	
4	4/7/16	BDH	NGH	
5	5/16/16	MHG	NGH	
6	6/8/16	MHG	NGH	
7	6/13/16	BDH	NGH	
8	6/22/16	BDH	NGH	
9	9/14/16	MHG	NGH	
10	9/20/16	BDH	NGH	
Field By:		NH/SB	12/15	
Designed By:		BDH	1/16	
Drawn By:		BDH	1/16	
Checked By:		NGH	1/16	



Land Planning, Inc.

Civil Engineers • Land Surveyors **Environmental Consultants**

Bellingham

167 Hartord Ave. Bellingham, MA 02019 508-966-4130

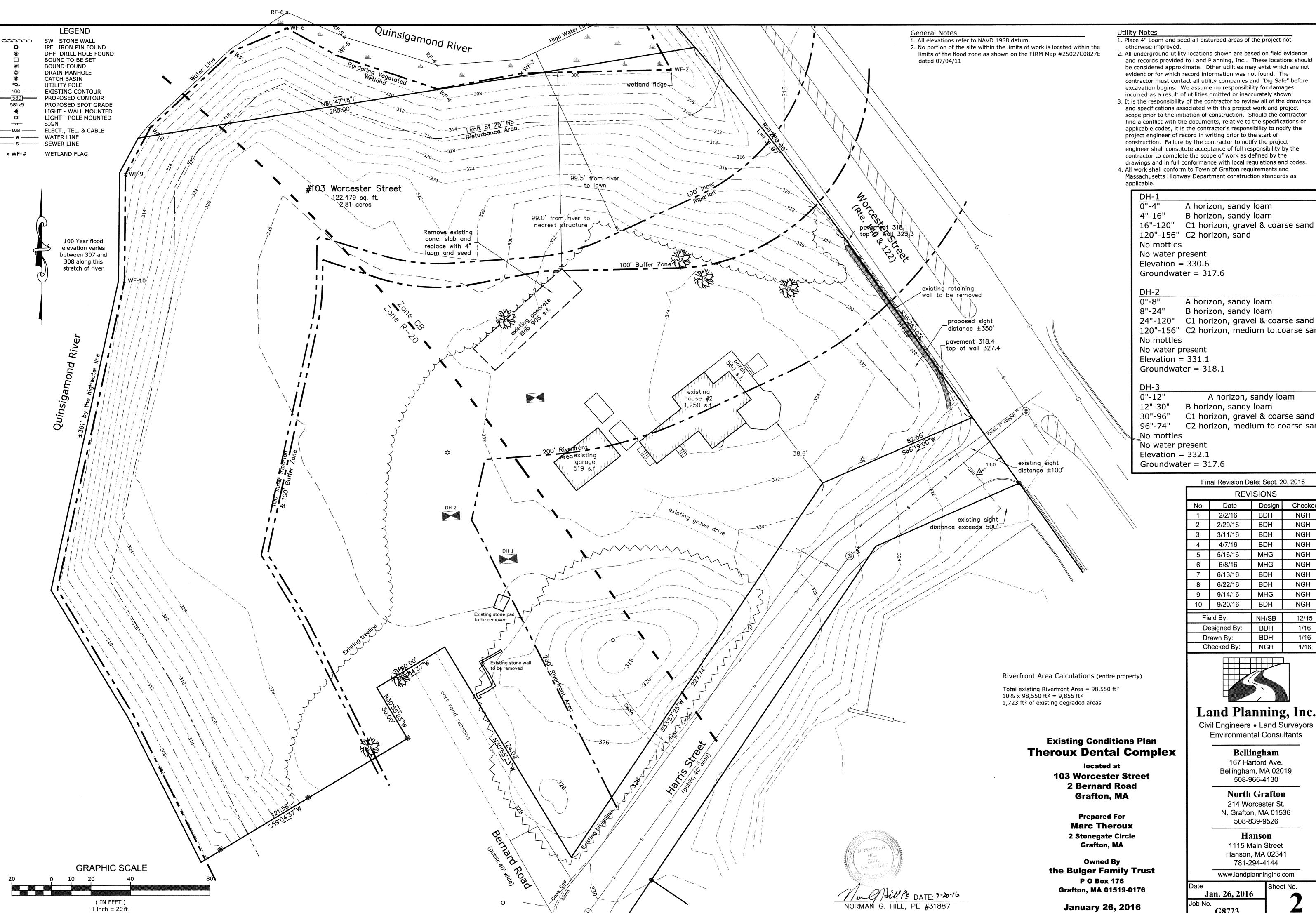
North Grafton 214 Worcester St.

N. Grafton, MA 01536 508-839-9526

Hanson 1115 Main Street

Hanson, MA 02341 781-294-4144 www.landplanninginc.com

Sheet No. Jan. 26, 2016 G8723



2. All underground utility locations shown are based on field evidence and records provided to Land Planning, Inc.. These locations should be considered approximate. Other utilities may exist which are not evident or for which record information was not found. The contractor must contact all utility companies and "Dig Safe" before excavation begins. We assume no responsibility for damages incurred as a result of utilities omitted or inaccurately shown.

and specifications associated with this project work and project scope prior to the initiation of construction. Should the contractor find a conflict with the documents, relative to the specifications or applicable codes, it is the contractor's responsibility to notify the project engineer of record in writing prior to the start of construction. Failure by the contractor to notify the project engineer shall constitute acceptance of full responsibility by the contractor to complete the scope of work as defined by the drawings and in full conformance with local regulations and codes.

4. All work shall conform to Town of Grafton requirements and Massachusetts Highway Department construction standards as

> A horizon, sandy loam B horizon, sandy loam

16"-120" C1 horizon, gravel & coarse sand 120"-156" C2 horizon, sand

Groundwater = 317.6

A horizon, sandy loam

B horizon, sandy loam

120"-156" C2 horizon, medium to coarse sand

Groundwater = 318.1

A horizon, sandy loam B horizon, sandy loam

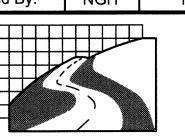
C1 horizon, gravel & coarse sand

C2 horizon, medium to coarse sand

Groundwater = 317.6

Final Revision Date: Sept. 20, 2016

REVISIONS				
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Field By:		NH/SB	12/15	
Designed By:		BDH	1/16	
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Checked By:		NGH	1/16	



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> Bellingham 167 Hartord Ave.

Bellingham, MA 02019 508-966-4130 North Grafton

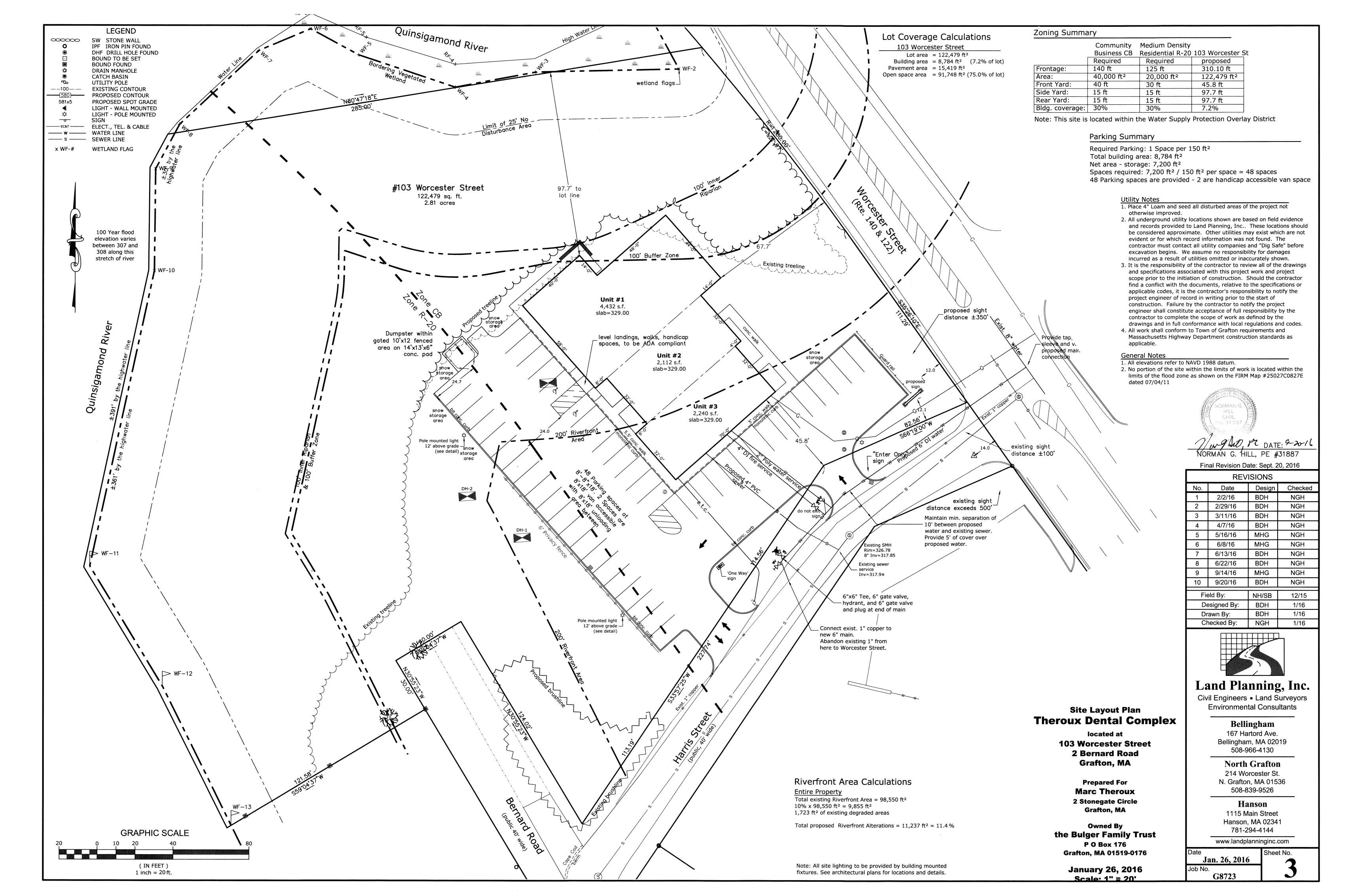
214 Worcester St. N. Grafton, MA 01536 508-839-9526

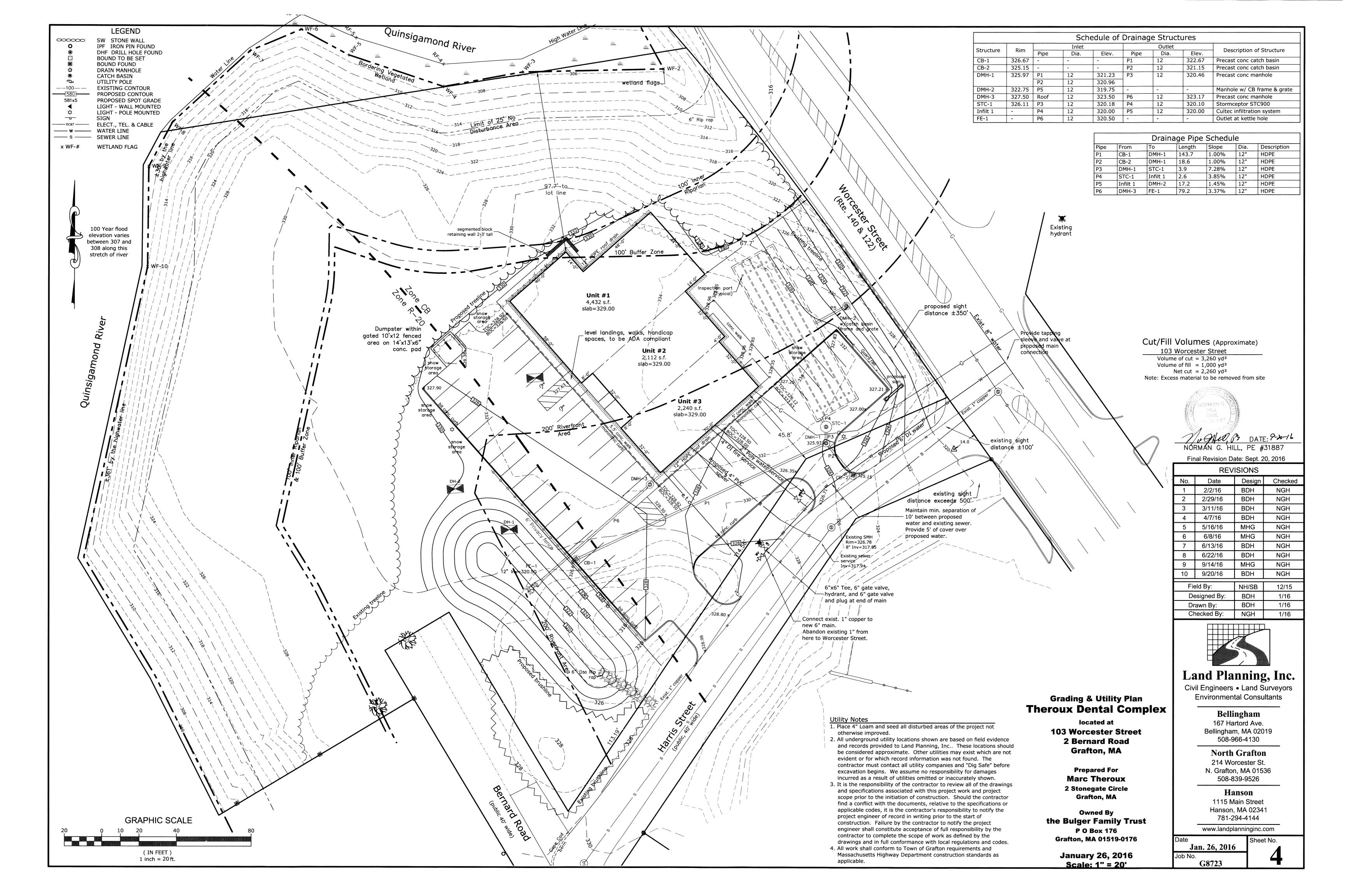
Hanson 1115 Main Street Hanson, MA 02341

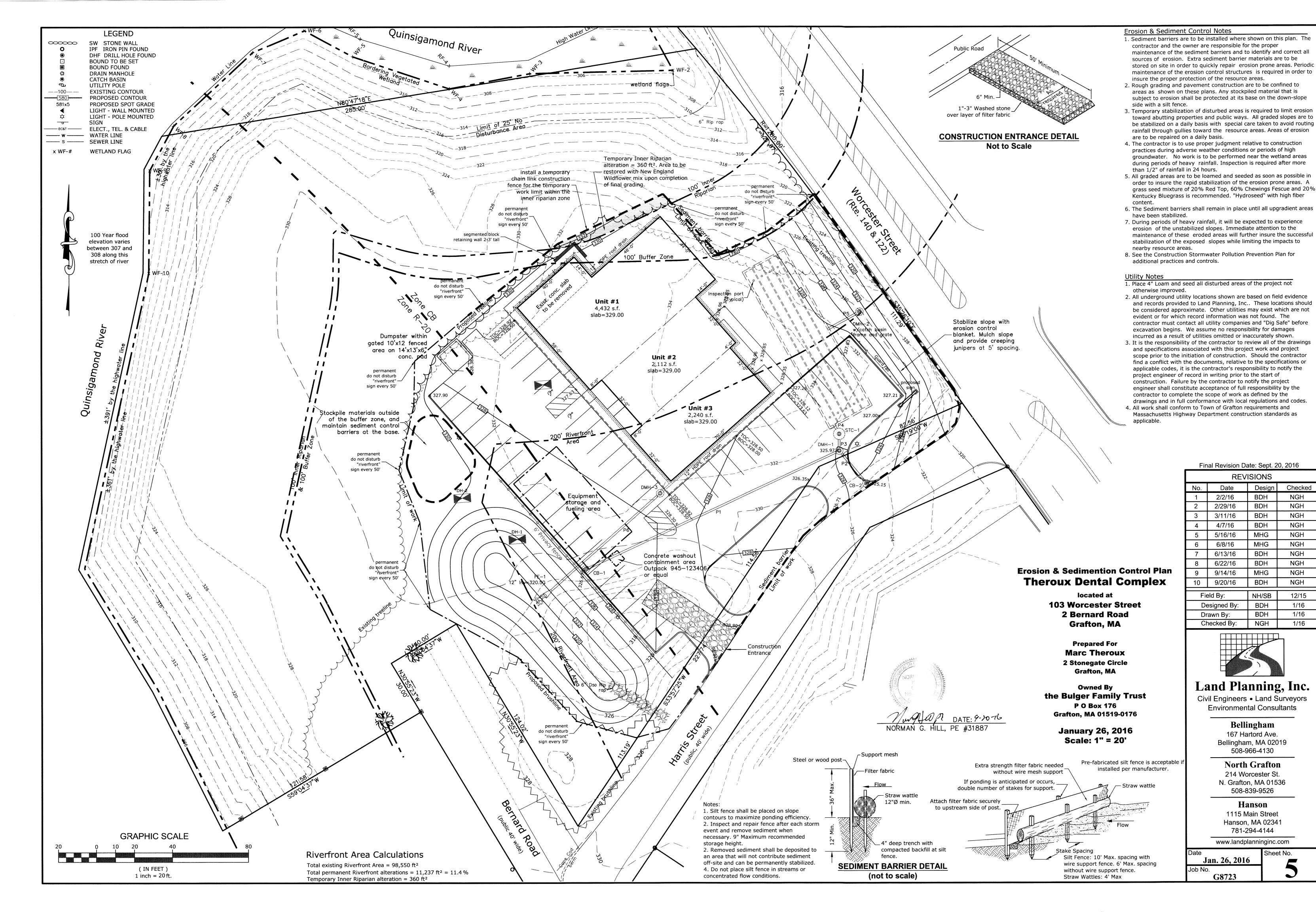
781-294-4144

www.landplanninginc.com Jan. 26, 2016

G8723







Checked

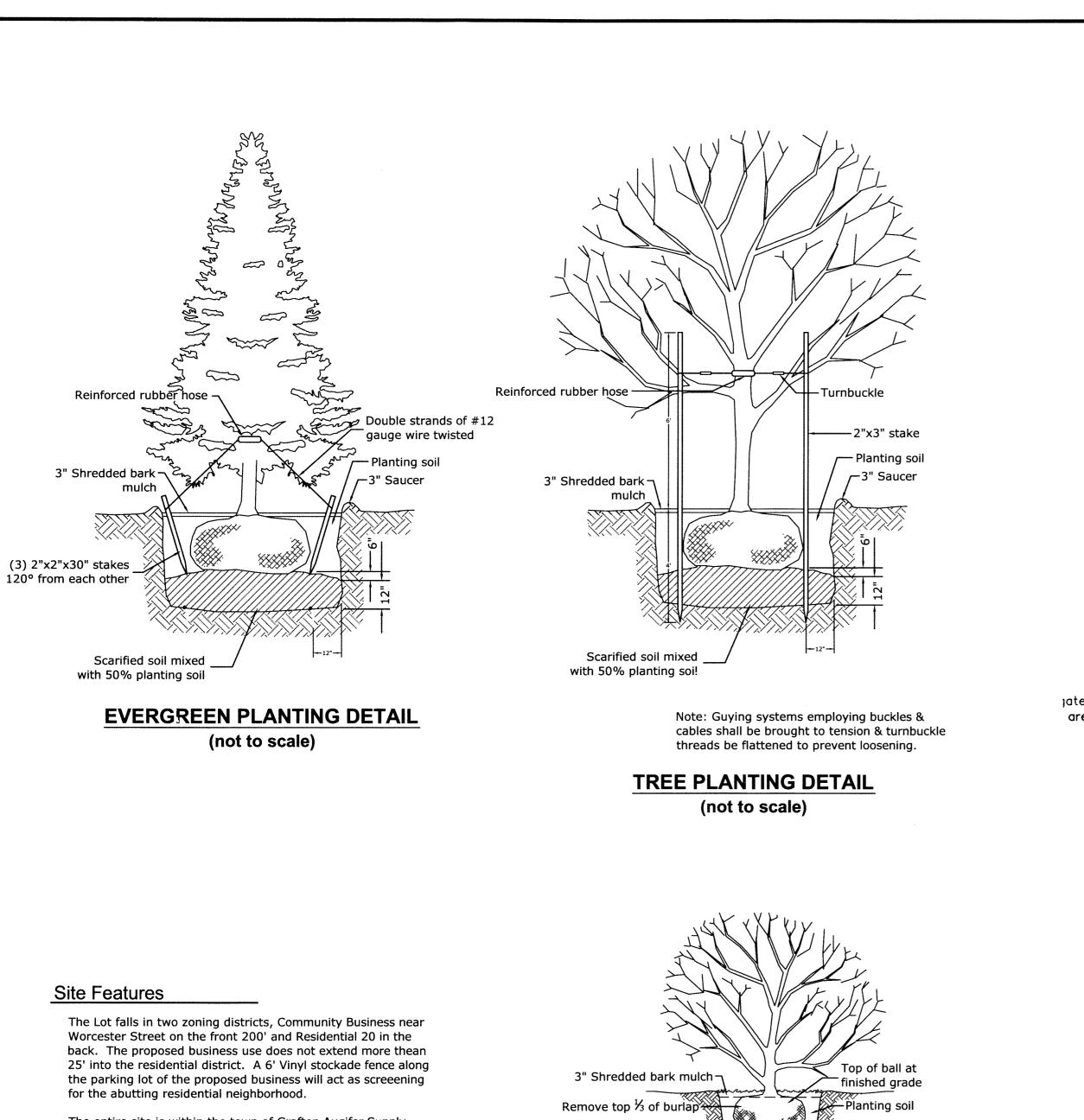
NGH

12/15

1/16

1/16

1/16



The entire site is within the town of Grafton Augifer Supply Protection Overlay district. Storm water management has bean utilized to mitigate runoff and recharge ground water, creating a sustainable development for future generations.

The majority of the site is within the Riverfront Aone. Proposed Alterations do not exceed 10% and alterations have been proposed to the greatest extent possible away from the river.

There is flood plain along the shore line of the river only and does not affect the proposed site.

No work is proposed withing the 100' wetland buffer.

An estimated 4,500 cubic yards of earth will be excavated for the proposed development; much of this for regrading of the slope at the intersection of Worcester Street. Some of this material will be used as fill within the parking area. The regrading will greatly improve visability at the intersection. Any excess of material is to be stockpiled and protected from erosion until it is transported offsite.

Undistrubed soil -

SHRUB PLANTING DETAIL (not to scale)

> LEGEND SW STONE WALL IPF IRON PIN FOUND DHF DRILL HOLE FOUND BOUND TO BE SET BOUND FOUND DRAIN MANHOLE CATCH BASIN UTILITY POLE EXISTING CONTOUR PROPOSED CONTOUR 581x5 PROPOSED SPOT GRADE STREET LIGHT ELECT., TEL. & CABLE

sernard Road

LANDSCAPE LEGEND (3) large growth shade tree - 2" caliper min., Deciduous or Fir (10) decorative tree - 2" caliper min. (11) decorative shrub perrenial garden with mulch note: All other areas to be 4" min. loam and seed. Areas within the proposed treeline are to be allowed to grow in naturally. 4,432 s.f. slab=329.00 Dumpster within jated 10'x12 fenced area on 14'x13'x6" conc. pad Unit #2 2/,112 s.f. slab=329.00 2,240 s.f. slab=329.00

Landscape Plan **Theroux Dental Complex**

Utility Notes

applicable.

Stabilize slope with

— blanket. Mulch slope

and provide creeping

junipers at 5' spacing.

erosion control

otherwise improved.

1. Place 4" Loam and seed all disturbed areas of the project not

evident or for which record information was not found. The

excavation begins. We assume no responsibility for damages incurred as a result of utilities omitted or inaccurately shown. 3. It is the responsibility of the contractor to review all of the drawings

and specifications associated with this project work and project scope prior to the initiation of construction. Should the contractor

project engineer of record in writing prior to the start of

construction. Failure by the contractor to notify the project

contractor to complete the scope of work as defined by the

4. All work shall conform to Town of Grafton requirements and Massachusetts Highway Department construction standards as

engineer shall constitute acceptance of full responsibility by the

drawings and in full conformance with local regulations and codes.

find a conflict with the documents, relative to the specifications or applicable codes, it is the contractor's responsibility to notify the

2. All underground utility locations shown are based on field evidence

and records provided to Land Planning, Inc.. These locations should be considered approximate. Other utilities may exist which are not

contractor must contact all utility companies and "Dig Safe" before

located at **103 Worcester Street** 2 Bernard Road Grafton, MA

> **Prepared For Marc Theroux 2 Stonegate Circle** Grafton, MA

Owned By the Bulger Family Trust P O Box 176 Grafton, MA 01519-0176

January 26, 2016 Sealor 4" = 20"

No.	Date	Design	Checked
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7	6/13/16	BDH	NGH
8	6/22/16	BDH	NGH
. 9	9/14/16	MHG	NGH
10	9/20/16	BDH	NGH
		NUL (05	40/45
Field By:		NH/SB	12/15
Designed By:		BDH	1/16

Final Revision Date: Sept. 20, 2016

REVISIONS

BDH 1/16 Drawn By: Checked By: NGH



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Bellingham

167 Hartord Ave. Bellingham, MA 02019 508-966-4130

North Grafton 214 Worcester St.

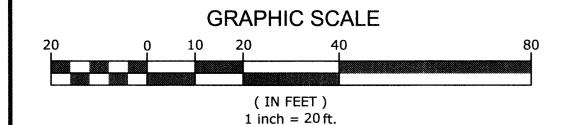
N. Grafton, MA 01536 508-839-9526

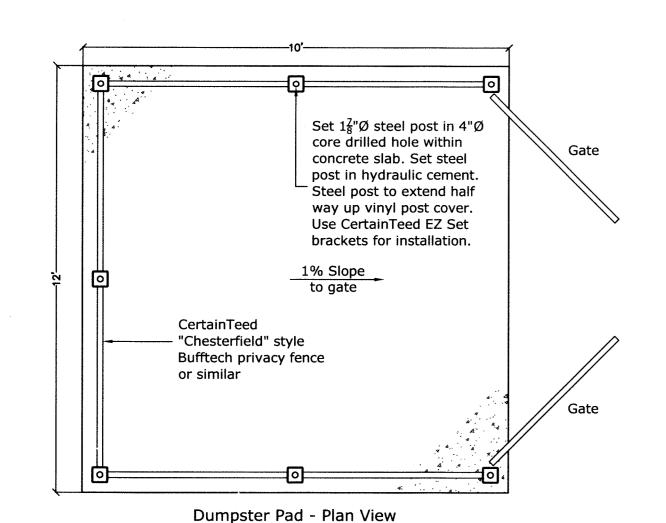
Hanson

1115 Main Street Hanson, MA 02341 781-294-4144

www.landplanninginc.com Sheet No. Jan. 26, 2016

G8723

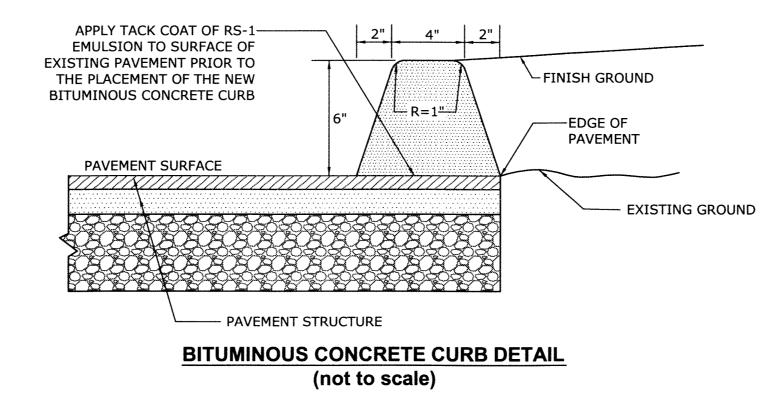


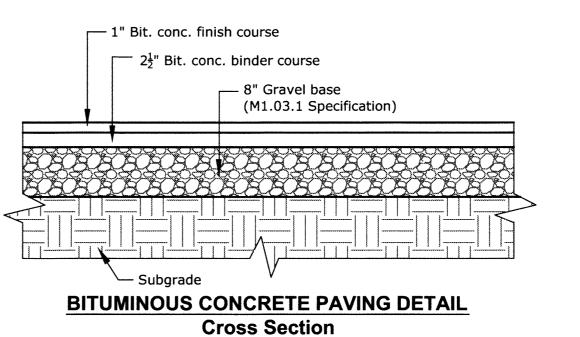




Sign to be mounted on post at the head of parking space

Mount signs 5' min. to 8' max. to top of sign **SIGN DETAILS** (not to scale)





(not to scale)

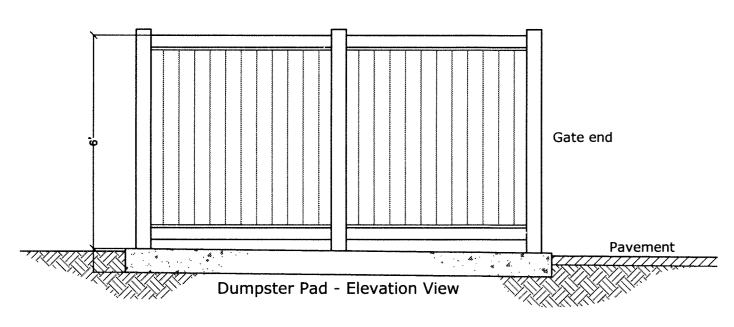
Vinyi Fence Products

 $5 \times 5 = 96 \cdot 1/8$ " ☐ CHESTERFIELD 6' HIGH / 8' WIDE

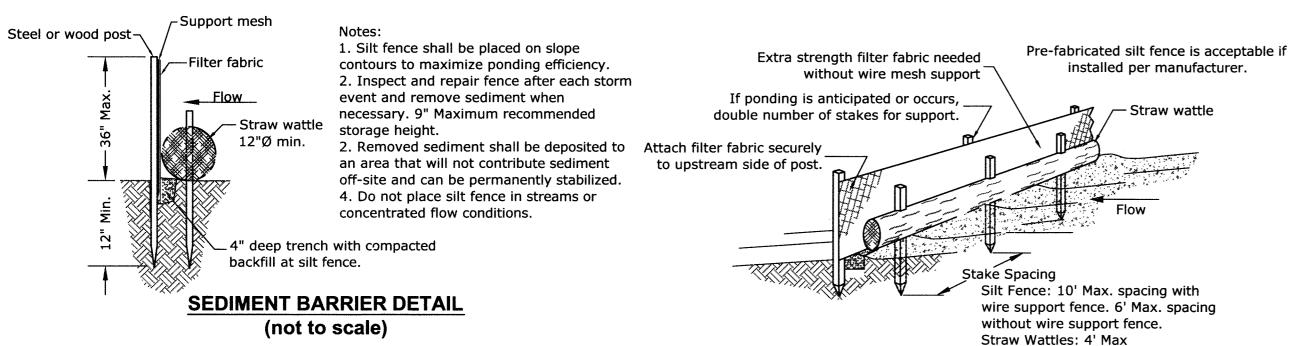
POST CENTERS

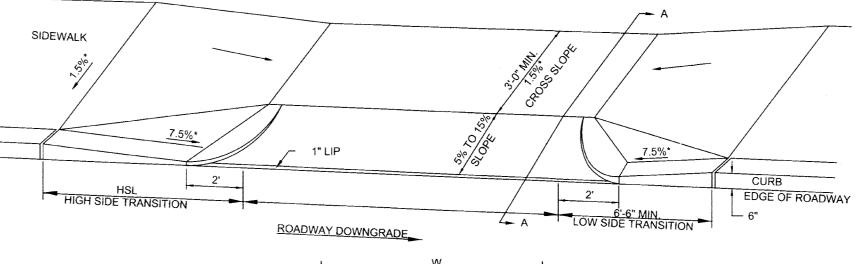
FENCE DETAIL (not to scale)

CertainTeed Bufftech Chesterfield style fence (or similar) to be as shown along perimeter of dumpster enclosure, and along parking lot, where shown. Dumpster gate to consist of (2) 5' wide pre-assembled aluminum framed gate units.



Dumpster Pad and Fence Detail not to scale



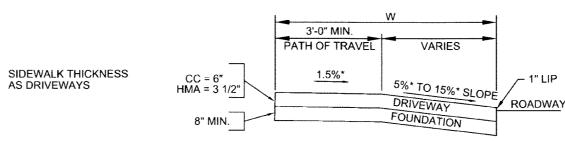


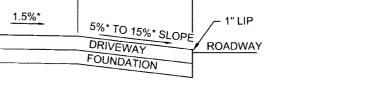
SECTION A-A

SIDEWALK THROUGH DRIVEWAYS

WITH CURB RETURNS

2' CURB CORNERS







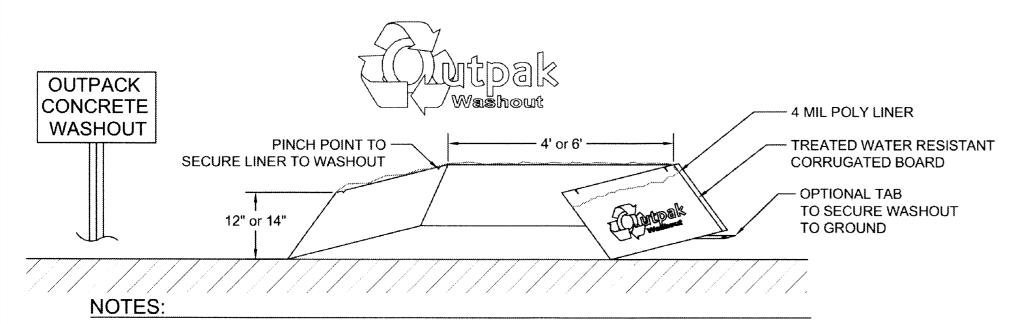
MARCH 2012

E 107.8.0

DRAWING NUMBER

1"-3" Washed stone over layer of filter fabric

CONSTRUCTION ENTRANCE DETAIL Not to Scale



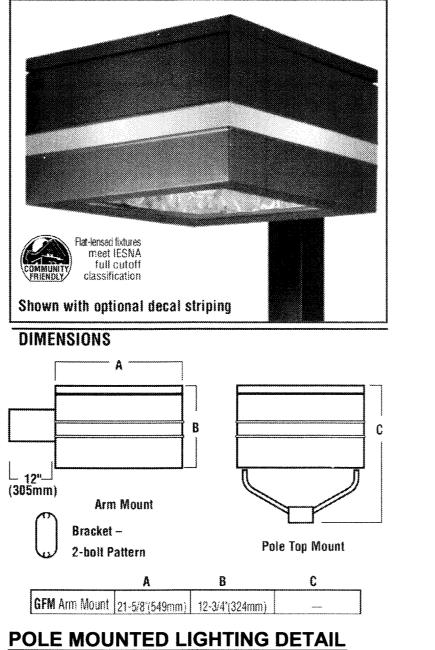
THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON THIS

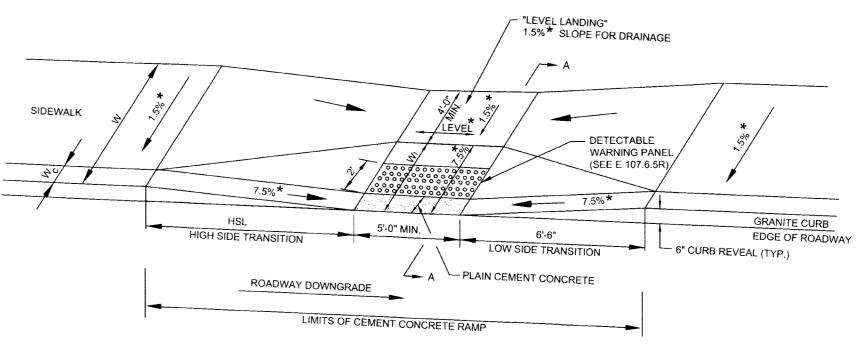
- 2. SIGNS SHALL BE PLACED AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT.
- 3. THE CONCRETE WASHOUT AREA WILL BE REPLACED AS NECESSARY TO MAINTAIN CAPACITY FOR WASTE CONCRETE AND OTHER LIQUID WASTE.
- WASHOUT RESIDUE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
- DO NOT MIX EXCESS AMOUNTS OF FRESH CONCRETE OR CEMENT ON-SITE.
- DO NOT WASH OUT CONCRETE TRUCKS INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS.
- 7. AVOID DUMPING EXCESS CONCRETE IN NON-DESIGNATED DUMPING AREAS.
- 8 LOCATE WASHOUT AREA AT LEAST 50' (15 METERS) FROM STORM DRAINS, OPEN DITCHES, OR WATERBODIES.

GREENBRIAR® - FLAT LENS

installed per manufacturer.

/- Straw wattle





LEGEND HSL = HIGH SIDE TRANSITION LENGTH (SEE E 107.9.0R) W = SIDEWALK WIDTH W = SIDEWALK WIDTH W1=RAMP LENGTH - DETECTABLE W = CURB WIDTH WARNING PANEL (SEE E 107.6.5R) W₁ = PERPENDICULAR RAMP LENGTH CC=4" < CC = CEMENT CONCRETE * = TOLERANCE FOR CONSTRUCTION ±0.5% USABLE SIDEWALK WIDTH PER AAB = W-Wc RAMP LENGTH, W1 = W-4'-0" Min SECTION A-A DATE OF ISSUE Massachusetts Department of Transportation MARCH 2012

STANDARDS

LEGEND

HSL = HIGH SIDE TRANSITION LENGTH

STANDARDS

= TOLERANCE FOR CONSTRUCTION ±0.5%

Mass DOT

W = SIDEWALK WIDTH

CC = CEMENT CONCRETE
HMA = HOT MIX ASPHALT

WHEELCHAIR RAMPS LESS THAN 12'-4" SIDEWALK

DRAWING NUMBER E 107.2.0R

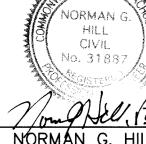
Detail Plan Theroux Dental Complex

located at **103 Worcester Street** 2 Bernard Road Grafton, MA

> **Prepared For Marc Theroux** 2 Stonegate Circle Grafton, MA

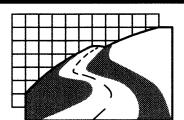
Owned By the Bulger Family Trust P O Box 176 **Grafton, MA 01519-0176**

> **January 26, 2016** Scale: As Noted



NORMAN G. HILL, PE #31887

	Final Revision Date: Sept. 20, 2016			
	REVISIONS			
	No.	Date	Design	Checked
	1	2/2/16	BDH	NGH
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» \	4	4/7/16	BDH	NGH
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	8	6/22/16	BDH	NGH
	9	9/14/16	MHG	NGH
	10	9/20/16	BDH	NGH
	Field By:		NH/SB	12/15
	Designed By:		BDH	1/16
	Drawn By:		BDH	1/16
	Cł	necked By:	NGH	1/16



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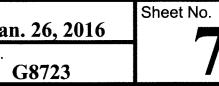
> Bellingham 167 Hartord Ave. Bellingham, MA 02019

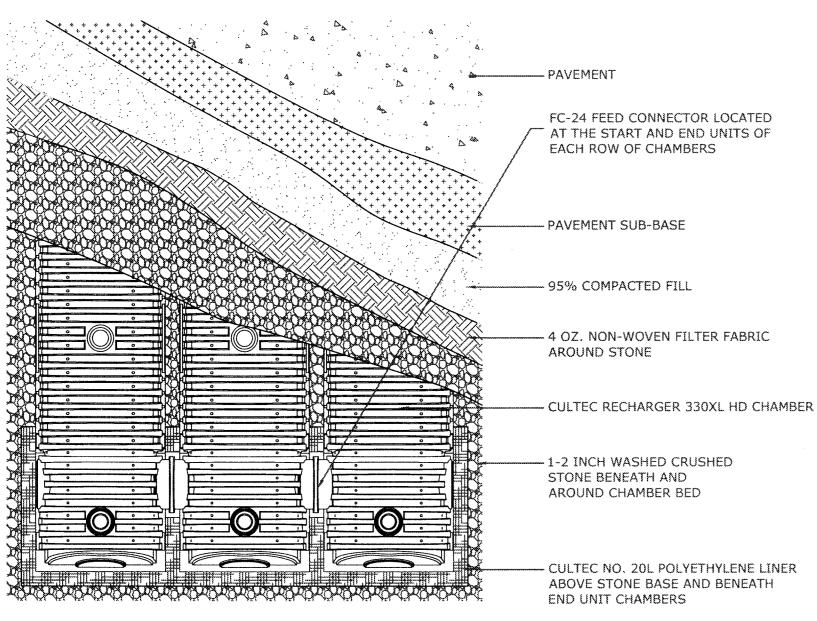
> > 508-966-4130 North Grafton 214 Worcester St.

N. Grafton, MA 01536 508-839-9526 Hanson

1115 Main Street Hanson, MA 02341 781-294-4144

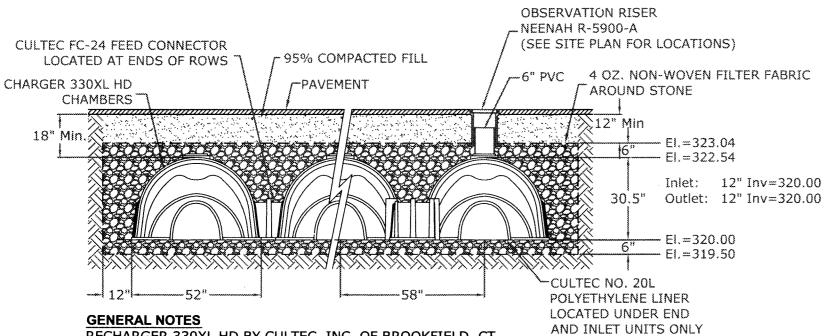
www.landplanninginc.com Sheet No. Jan. 26, 2016 Job No.





INFILTRATION SYSTEMS - PLAN VIEW (not to scale)

The infiltration system shall consist of 5 rows of 13 Recharger 330XL HD units. All rows to be connected with FC-24 Feed Connectors between the end units of each row.



RECHARGER 330XL HD BY CULTEC, INC. OF BROOKFIELD, CT.
REFER TO CULTEC, INC.'S CURRENT RECOMMENDED INSTALLATION
GUIDELINES.

INFILTRATION SYSTEMS - CROSS SECTION (not to scale)

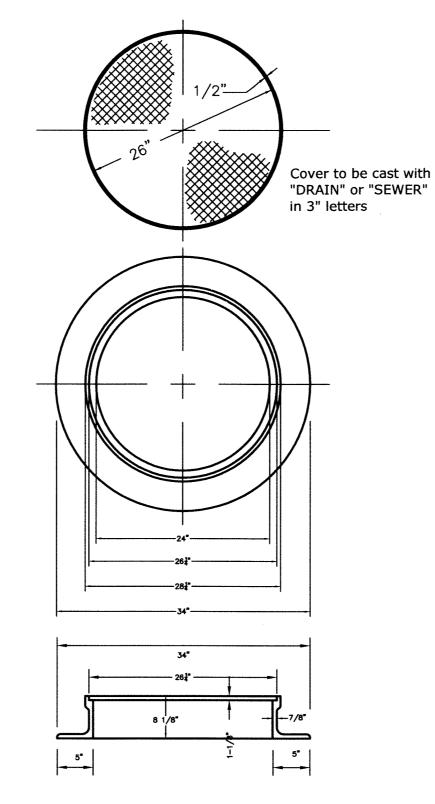
(not to sould)

INFILTRATION SYSTEM FILL SPECIFICATIONS:

Fill material required beneath the infiltration system shall consist of select on-site or imported soil material. The fill shall be comprised of clean granular sand, be free from organic matter and deleterious substances, and shall not contain Remediation Waste as that term is defined in 310 CMR 40.0000. Mixtures and layers of different classes of soil shall not be used. The fill shall not contain any material larger than two inches. A sieve analysis, using a #4 sieve, shall be performed on a representative sample of the fill. Up to 45% by weight of the fill sample may be retained on the #4 sieve. Sieve analyses also shall be performed on the fraction of the fill sample passing the #4 sieve, such analyses must demonstrate that the material meets each of the following specifications:

SIEVE SIZE	EFFECTIVE	% THAT MUS
	PARTICLE SIZE	PASS SIEVE
# 4	4.75 mm	100%
# 50	0.30 mm	10% - 100%
#100	0.15 mm	0% - 20%
#200	0.075 mm	0% - 5%

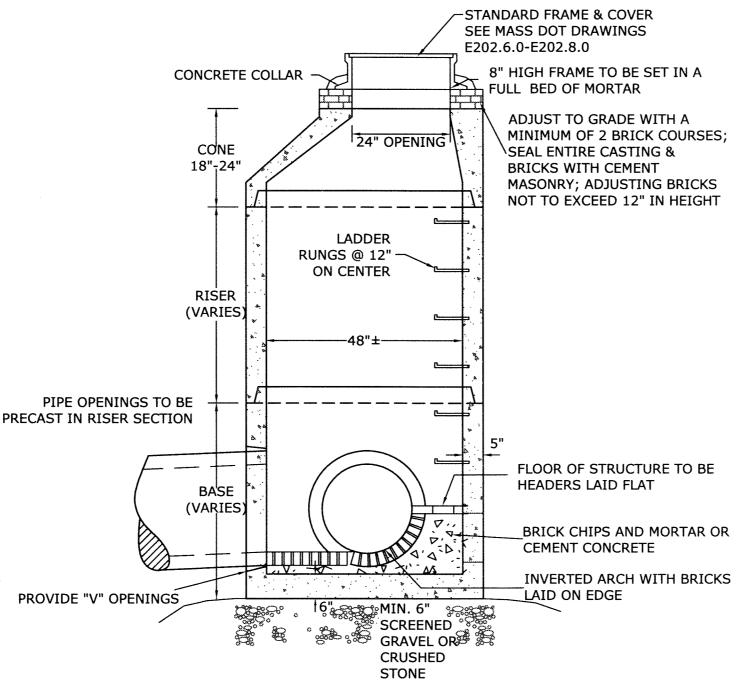
Any fill required to replace unsuitable or impermeable soils, the excavation of the unsuitable material shall extend a minimum of five feet laterally in all directions beyond the outer perimeter of the infiltration system to the depth of naturally occurring pervious material, and replaced with suitable fill material.



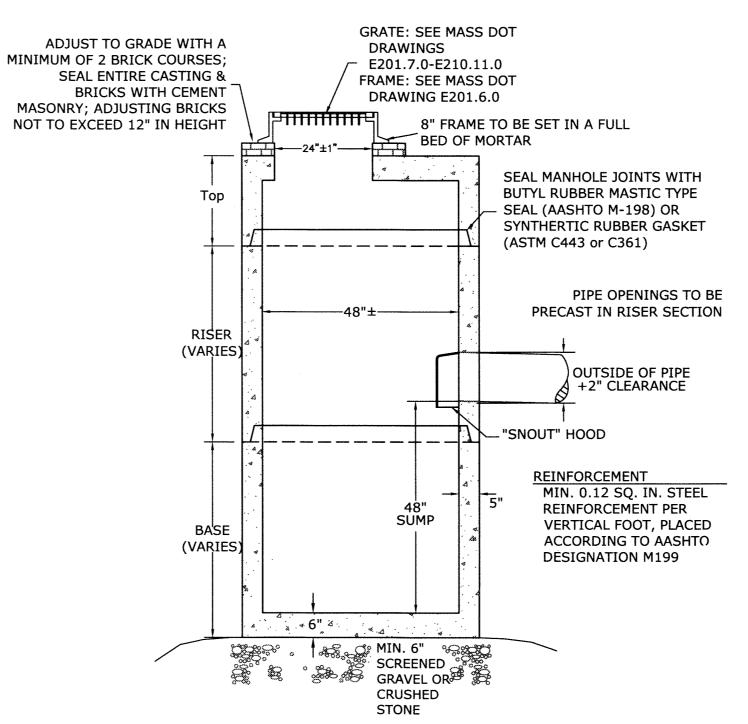
MANHOLE FRAME & COVER DETAIL

(not to scale)

Type A Frame
Cast Iron - 265 Lbs.



PRECAST CONCRETE MANHOLE DETAIL (not to scale)



PRECAST CONCRETE CATCH BASIN DETAIL (not to scale)

203mm [8"] TO SUIT FINISHED GRADE (IF REQUIRED) ---610mm [24"]-305mm [12"] 152 mm [6"] # VENT-----FIBREGLASS INSE TO SUIT FINISHED GRADE 150mm [6"] ORIFIC ENLARGED OUTLET DETAIL SCALE: 1:20 -ø1829mm [72"] 914mm [36"] 1. Dimensions may vary regionally due to STORMCEPTOR IS PROTECTED BY different manufacturer's." ONE OR MORE OF THE FOLLOWING Access way is offset to allow access to the fibreglass bypass slab and to allow Canadian Patent No. 2,009,208 inspection and maintenance from the surface. Canadian Patent No. 2,137,942 3. Pipe installation by grouting or flexible boots. U.S. Patent No. 4,985,148 4. Flexible boots may not be suitable for all installations. U.S. Patent No. 5,498,331 Please contact your sales representative for further information. U.S. Patent No. 5,725,760 610 mm [24"] outlet to be used for cleanout access to the treatment chamber. Safety grates for the 610 mm [24"] outlet are available. U.S. Patent No. 5,753,115

GRADE ADJUSTERS TO SUIT FINISHED GRADE -STORMCEPTOR COVER AND GRATE

STC 900 PRECAST CONCRETE STORMCEPTOR
FIBREGLASS DISC DESIGN - 900 U.S. GALLON CAPACITY

NORMAN G. HILL, PE #31887

Final Revision Date: Sept. 20, 2016

REVISIONS Date Design Checked 2/2/16 BDH NGH BDH NGH 2/29/16 BDH NGH 3/11/16 NGH 4/7/16 BDH MHG NGH 5/16/16 MHG 6/8/16 NGH NGH BDH 6/13/16 BDH NGH 6/22/16 9/14/16 MHG NGH 9/20/16 BDH NGH 10 Field By: NH/SB 12/15 BDH 1/16 Designed By: BDH 1/16 Drawn By: NGH Checked By: 1/16



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Date

Jan. 26, 2016

Job No.

G8723

Sheet No.

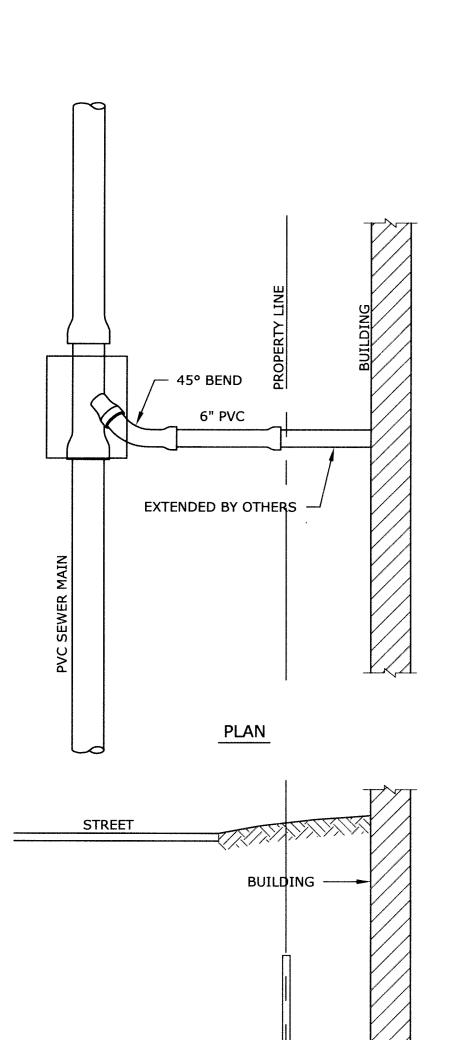
Drainage Detail Plan Theroux Dental Complex

located at
103 Worcester Street
2 Bernard Road
Grafton, MA

Prepared For Marc Theroux 2 Stonegate Circle Grafton, MA

Owned By the Bulger Family Trust P O Box 176 Grafton, MA 01519-0176

January 26, 2016 Scale: As Noted



SECTION

2x4 LOCATOR -

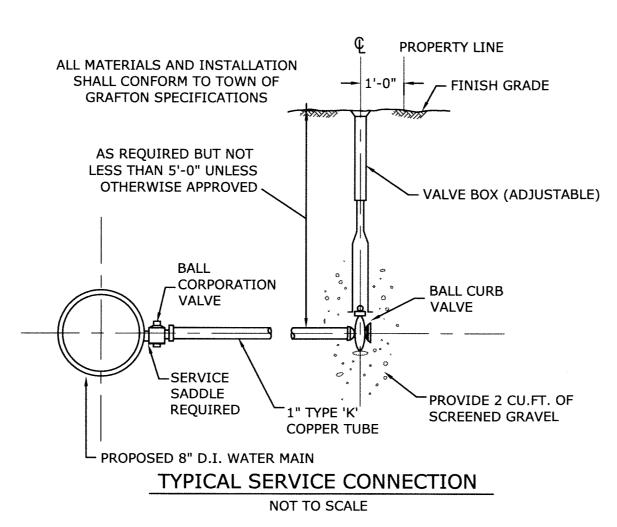
PLUG @ PROPERTY LINE

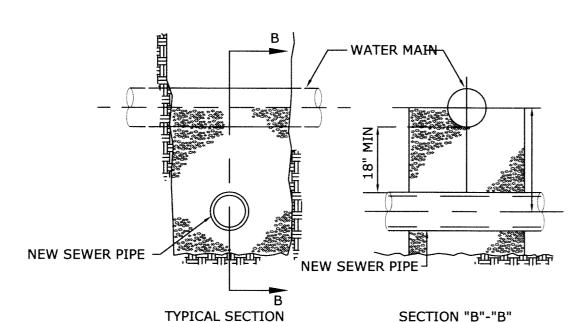
6" PVC

"Y" BRANCH

SERVICE CONNECTION DETAIL

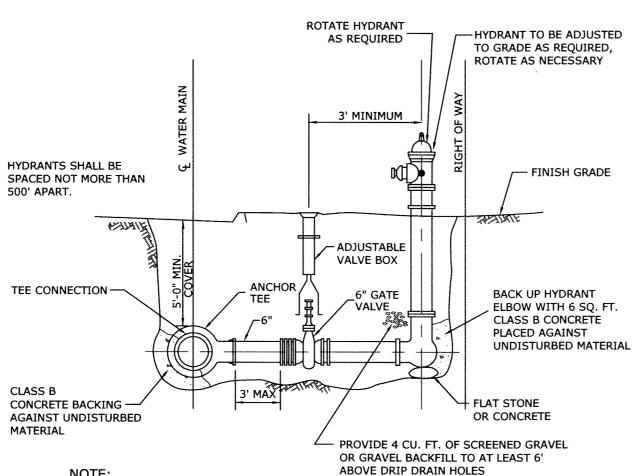
NOT TO SCALE





NOTE: IN THE EVENT OF A SEWER MAIN OR SEWER SERVICE CROSSING A WATER MAIN OR WATER SERVICE CLOSER THAN 10', THE SEWER MAIN OR SERVICE SHALL BE COMPLETELY ENCASED IN 6" OF 3,000 P.S.I. CONCRETE FOR A DISTANCE OF 10' ON EACH SIDE OF THE CROSSING.

UTILITY CROSSING DETAIL
N.T.S.



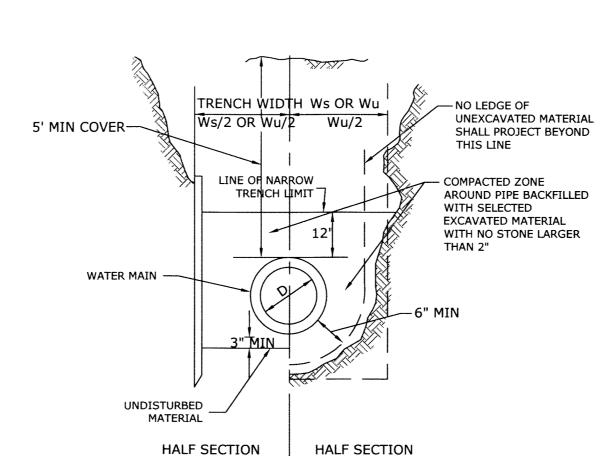
NOTE:

1. HYDRANT AND GATE VALVE TO BE RODDED TO ANCHOR TEE.

2. SEE FORCE MAIN THRUST BLOCK DETAIL FOR THE AREA OF CONCRETE REQUIRED

TYPICAL HYDRANT AND VALVE DETAIL

NOT TO SCALE



FOR SHEETED TRENCH Ws=4/D + 32" OR 50", WHICHEVER IS GREATER. FOR UNSHEETED TRENCH Wu=4/3 D + 18" OR 36", WHICHEVER IS GREATER.

IN EARTH

NOTES:

1. TRENCHES MAY BE EXCAVATED WIDER THAN THE TRENCH WIDTH WS ABOVE THE "LINE OF NARROW TRENCH LIMIT.

IN ROCK

2. BELOW THE "LINE OF NARROW TRENCH LIMIT" THE TRENCH SHALL NOT BE EXCAVATED BEYOND THE TRENCH WIDTH Ws.

SHEETING, IF USED, IN ALL CASES SHALL BE LEFT IN PLACE BELOW A LINE ONE FOOT ABOVE THE TOP OF THE PIPE, UNLESS OTHERWISE INDICATED OR DIRECTED.
 "COVER" AT ANY POINT SHALL BE DEFINED AS THE VERTICAL DISTANCE

FROM THE UPPERMOST POINT OF THE PIPE TO A LINE WHICH CONNECTS THE SURFACE OF UNDISTURBED GROUND AT EITHER SIDE OF THE TRENCH AND IS AT RIGHT ANGLES TO THE DIRECTION OF THE PIPE.

5. WHERE FUTURE EXTENSION OF A PLUGGED PIPE OR PLUGGED BRANCH WILL ENTAIL ROCK EXCAVATION, TRENCH EXCAVATION IN ROCK SHALL BE EXTENDED FOR A DISTANCE OF FIVE FEET BEYOND THE PLUG.

WATER MAIN TRENCH DETAIL

GRAFTON PLANNING BOARD

SITE PLAN APPROVAL (SPA 2016-2)

Professional Office Building, Parking and Associated Site Work 103 Worcester Street, North Grafton, MA 01536

Marc & Tina Theroux (Applicant) Helen Bulger (Owner)

IV. DECISION - CONDITIONS ONLY

Approved with Conditions (below) at the July 11, 2016 Planning Board meeting.

Standard Conditions

This Site Plan Approval specifically authorizes the construction of a professional office building, required infrastructure, grading and landscaping as described within the EXHIBITS and FINDINGS of this Decision.

- 2. The work authorized Site Plan Approval shall be solely for the purposes noted within Condition #1 of this Decision. Changes to plan presented in this Application may be made only upon authorization from the Planning Board. Such authorization shall only be granted provided the Board finds that any change requested by the Applicant is not substantially different than the plan presented within the EXHIBITS of this Decision, and is consistent with the intent and purpose of this Decision. Requests for such change(s) shall be submitted in writing to the Planning Board.
- 3. Construction of the improvements shown on the Plans approved as part of this Decision is subject to approval by the Grafton Conservation Commission. Any Order of Conditions and/or permits issued by the Conservation Commission with respect to this Application are hereby incorporated by reference. If such Order of Conditions and/or permits require substantial modifications to any of the plans approved by the Planning Board, the Board may, upon its determination, require a modification of this Decision if it finds that the proposed changes are substantial in nature and of public concern, and substantially alter the plans and information used in making this Decision
- 4. The Applicant shall provide details of the proposed directional signs prior to applying for sign permits with the Building Department. The details shall be submitted to the Planning Board for their review and approval. Written approval by the Board or its agent shall be entered into the project file and shall be submitted to the Building Department at the time of application for sign permits for the directional signage (see FINDING #F16). Signage for, and associated with, the use authorized by this Decision shall be installed in accordance with, and conform to, the Town of Grafton Zoning By-law. This Decision shall not be construed as approving or authorizing any such signage.
- 5. In accordance with Section 1.3.3.8 of the ZBL, this Site Plan Approval shall be valid for two (2) years from the date of approval. All work must be completed within two (2) years from the date of approval. Any request for an extension of said period of validity shall be considered a Modification of this Site Plan Approval, and such request shall be filed and reviewed in accordance with the procedure specified in Section 1.3.3.8 of the ZBL. Any change in the site layout including but not limited to any increase or reduction of parking spaces as presented in this Application shall be considered modifications. The Planning Board reserves the right to solicit comments from other Town boards, departments and committees, as well as its consulting engineer, in making determinations regarding such changes. The Planning Board may, upon its determination, require a modification of this Decision if it finds that the proposed changes are substantial in nature and of public concern, and substantially alter the plans and information used in making this Decision. Any Modification of this Decision shall be made pursuant to Section 1.3.3 of the Zoning By-law, and any other applicable regulations. Any costs associated with peer review by the Town's consulting engineer shall be the responsibility of the Applicant.
- 6. The Planning Board reserves the right to require the submission of an "as built" plan prepared by a professional engineer if it is determined upon inspection (by either the Board or its agent), and prior to the issuance of an occupancy permit, that the project was not constructed as shown on the approved plans.
- 7. The Planning Board reserves the right to require additional screening measures on the Site (e.g. vegetation, fencing, etc.) along the property boundaries for up to one (1) year after the issuance of an Occupancy Permit by the Building Department if, in the opinion of the Board, such measures are necessary to ensure adequate screening and/or buffering from the abutting residential properties.

Conditions to be Met Prior to the Start of Construction

- The Applicant shall contact and meet with the Traffic Safety Committee to discuss the traffic circulation signage options at the exit points of the site. In particular the Applicant will request review and determination from the Committee about "no right turn" signage which would direct people away from traveling into and through the abutting residential neighborhood as a means of bypassing the Harris and Worcester Street intersection. Any additional signage pertaining to public safety shall be included on the revised plan set prior to submission to the Planning Department as required in Condition C4. Submission of correspondence from the Traffic Safety Committee outlining the results of that meeting shall be submitted to the Planning Board.
- 2. Submission of a construction phasing plan to be reviewed and approved by the Town Planner who will seek input from the Conservation Agent, Department of Public Works and the Town Engineer and /or their agent(s) prior to approval. The construction phasing plan shall include (but not limited to) inspections and testing of the stormwater management infiltration system, inspections of the proposed limit of work, installation of erosion control barriers, and installation of construction fencing prior to commencement of site work, approval of proposed tree removal and the appropriate inspections of location and installing of plant material. No construction activity shall occur on the Site until the Applicant receives written authorization from both the Planning Board and Conservation Commission and/ or their agents regarding the adequacy of the initial erosion control and site stabilization measures as well as the accepted limit of work.
- 3. Prior to the issuance of a building permit, the Applicant shall submit a final plan set to be reviewed and approved by the Planning Board or its Agent to include:
- a. The Conditions set forth in this Decision shall be inscribed on a sheet of the Plans.
- b. Sequential sheet numbering.
- c. A final revision date.d. The approved construction phasing plan (see Condition C2).
- e. Any additional signage pertaining to public safety as outlined in Condition C1.
 4. Prior to the commencement of work, the Planning Board shall be provided with the following:
- a. Five (5) full size, 24" x 36", plan sets, one of which shall be sent directly to the Town's peer review consulting engineer.
- b. An electronic copy of the plan set. The electronic copy shall be in a "PDF" compatible format.5. Prior to any clearing the site shall be inspected by the Planning Board or its designee to review the delineated limits of work, erosion control and site stabilization measures and other work items identified on the construction phasing plan.
- Conditions to be Met During Construction
 The Applicant / Owner shall submit a landscaping plan satisfactory to the Board and / or its designee which identifies the types and locations of proposed plantings. Proposed plantings shall be of native species to promote long term viability and prevent invasive behavior. All planting locations shall be staked and the locations shall inspected by the Town Planner prior to installation. Locations may
- behavior. All planting locations shall be staked and the locations shall inspected by the Town Planner prior to installation. Locations may be amended in the field with the approval of the Town Planner. The Town Planner shall confer with the Conservation Agent to ensure that no proposed work or locations are in conflict with any requirements on the Order of Conditions.

 2. Hours of construction and earthwork proposed shall only occur Monday through Friday between the hours of 7:00 a.m. and 5:00 p.m. and
- Saturdays from 8:00 a.m. and 5:00 p.m. There shall be no construction activity on Sundays or state and federal holidays.
- 3. All grading and construction shall be performed in accordance with the approved Plans, as well as all applicable Federal, State and Local regulations, and shall be accomplished so as not to discharge any pollutants or siltation into waterways or resource areas during construction, and after completion, from the site and its associated improvements.
- 4. The Applicant shall submit a copy of any permits required and obtained relating to the proposed work in the Worcester Street layout as it relates to site grading to the Planning Department. The Applicant will coordinate all roadway work with the Grafton Department of Public Works.
- 5. Site identification signage to be installed along Worcester Street shall be reviewed and approved by the Town Planner prior to installation to ensure consistency with site plan with particular regards to location, grading, and landscaping. Installation shall not commence until the Applicant has received written approval from the Town Planner.

D. Conditions to be Met After Construction

- 1. The Applicant / Owner shall ensure that the landscaping is maintained for the life of the permit in order to ensure a healthy landscape screening and buffering plan as discussed and agreed upon during the public hearing. The Applicant will adhere to the following:
- Ensure that the plant material is maintained properly especially during the first three years after installation.
- Replace any plant material that fails to thrive either through death or disease. Material shall be replaced in a timely manner. Replacement material shall be in kind. Any change in plant material must be approved by the Planning Board or its Agent.
- Regular Inspections the Planning Board or its Agent reserves the right to inspect the site, with particular attention to the landscaping, to ensure continued compliance with this Special Permit and Site Plan Approval.
- Maintain all fencing in a timely manner.

Utilities Detail Plan Theroux Dental Complex

located at
103 Worcester Street
2 Bernard Road
Grafton, MA

Prepared For Marc Theroux 2 Stonegate Circle Grafton, MA

Owned By
the Bulger Family Trust
P O Box 176
Grafton, MA 01519-0176

January 26, 2016 Scale: As Noted



NORMAN G. HILL, PE #31887

Final Revision Date: Sept. 20, 2016

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REVISIONS				
No.	Date	Design	Checked	
1	2/2/16	BDH	NGH	
2	2/29/16	BDH	NGH	
3	3/11/16	BDH	NGH	
4	4/7/16	BDH	NGH	
5	5/16/16	MHG	NGH	
6	6/8/16	MHG	NGH	
7	6/13/16	BDH	NGH	
8	6/22/16	BDH	NGH	
9	9/14/16	MHG	NGH	
10	9/20/16	BDH	NGH	
Field By:		NH/SB	12/15	
Designed By:		BDH	1/16	
Drawn By:		BDH	1/16	
Checked By:		NGH	1/16	



Land Planning, Inc.

Civil Engineers • Land Surveyors Environmental Consultants

Bellingham 167 Hartord Ave.

167 Hartord Ave. Bellingham, MA 02019 508-966-4130

North Grafton 214 Worcester St. N. Grafton, MA 01536 508-839-9526

Hanson 1115 Main Street

Hanson, MA 02341 781-294-4144

www.landplanninginc.com

Jan. 26, 2016

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